

Appl. No. 09/720,228
Amdt. Dated July 28, 2004
Reply to Office Action of January 30, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7. (Previously cancelled)

8. (Currently Amended) Reel-up of a web comprising:

reeling means ~~(5)~~ for guiding a web ~~(W)~~ onto a reel spool ~~(11)~~ to thereby form a reel;

supporting structures ~~(2)~~ having a fixed bearing surface for supporting said reel spool ~~(11)~~

having a reel being formed ~~and or~~ a complete reel ~~(12)~~ thereon, and on along which ~~said at least one~~
~~of said reel spool (11) and or said complete reel (12)~~ can roll; and

a slide ~~(4)~~ having a supporting surface ~~(44)~~ structured and arranged to retain said reel spool
~~(11)~~ having a reel being formed or said complete roll thereon, and along which said reel spool being
formed or said complete roll can roll wherein said slide is structurally distinct and detached from said
~~reeling means (5) and said slide (4) is independently movable relative to said reeling means (5),~~
~~whereby~~ wherein said slide is movable for having a variable space between said slide supporting
surface (44) is movable from a functional vicinity of the reeling means (5) for moving said reel spool
having a reel being formed away from said reeling means during the reeling process, to a vicinity of
the said fixed bearing surface of the supporting structure (2), for rolling said reel spool having a reel
being formed or said complete roll from said supporting surface on to said fixed bearing surface.

9. (Currently Amended) Reel-up according to claim 8 wherein ~~the~~ said supporting surface (44) and ~~the~~ said fixed bearing surface are structured and arranged substantially on the same vertical and horizontal planes.

10. (Currently Amended) Reel-up according to claim 8 wherein ~~the supporting surface (44)~~ is arranged in ~~said slide (4)~~, said slide (4) ~~being~~ is structured and arranged to be supported by ~~the~~ said supporting structures (2).

11. (Currently Amended) Reel-up according to claim 8 wherein ~~the~~ said supporting surface (44) is structured and arranged to have a width equal to a width of said fixed bearing surface.

12. (Currently Amended) Reel-up according to claim 10 wherein said supporting surface (44) of ~~said slide (4)~~ is provided with a mating surface (45) formed on an end thereof and wherein said fixed bearing surface is provided with a corresponding mating surface formed on an end thereof such that when ~~the~~ said slide (4) is brought in contact with the said fixed bearing surface, a mating section (45') is formed therebetween, said mating section (45') extending on at least a length of ~~the~~ said supporting surface (44) and ~~the~~ said fixed bearing surface.

13. (Currently Amended) Reel-up according to claim 8, wherein said supporting surface

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(44) is structured and arranged to be a rolling surface on which the said reel spool (11) can roll and move with respect to said supporting surface (44).

14. (Currently Amended) Reel-up according to claim 8, wherein said supporting surface (44) is structured and arranged to form an extension of said fixed bearing surface, whereby the said reel spool (11) can be moved from the said supporting surface (44) to said fixed bearing surface by rolling.

15. (Currently Amended) Method according to claim 18, further comprising the steps of:
providing a reeling carriage (33) for supporting the said reel during a change of said reel; and
providing a pressing device (34) in the form of a roll attached to said reeling carriage;
wherein, and driving, substantially immediately after said reel change, said reeling carriage (33) is driven to the vicinity of a said reeling means (31).

16. (Currently Amended) Method according to claim 15, further comprising the step of:
starting the reeling on ~~the~~ a new reel spool (R) before the said reeling carriage (33) is driven to the vicinity of the said reeling means (31).

17. (Currently Amended) Method according to claim 15, further comprising the steps of:
reeling, after said reel change, a said web onto with a support of a primary reeling device (32)

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for a suitable period of time, ~~after the change of said reel takes place,~~ and

driving ~~the~~ said reeling carriage (33) together with its said pressing device (34) to the vicinity of ~~the~~ said reeling means (31) during this period of time.

18. (Currently Amended) A method for reeling a web (W) in a reel-up, comprising the steps of:

providing a reel spool (11), each reel spool (11) having a pair of opposed ends;

providing reeling means (5) for guiding said web (W) on to said reel spool (11), said reel spool (11) and said reeling means (5) defining a reeling nip therebetween;

supporting said pair of opposed ends of said reel spool (11) on a slide (4) having a supporting surface (44) when said reeling means (5) and said reel spool (11) are in a nip closed position and along which supporting reel spool can roll, wherein said slide (4) is movable for having a variable space between said reeling means and said slide ~~structurally distinct and is detached from said reeling means (5) and said slide (4) is independently movable relative to said reeling means (5);~~

forming a reel (R) on said reel spool (11); and

changing the position of said reel (R) with respect to said reeling means (5), as said reel (R) is being formed on said reel spool (11) being supported on said supporting surface.

19. (Currently added) The method according to claim 18, further comprising the step of:

sliding said slide supporting surface (44) away from said reeling means (5) as said reel (R)

being formed on said reel spool ~~(11)~~ grows in diameter.

20. (Currently Amended) The method according to claim 18, further comprising the step of:

providing a fixed bearing surface ~~(3)~~ structured and arranged to receive said reel spool ~~(11)~~ from said supporting surface ~~(44)~~ thereon, wherein said supporting surface ~~(44)~~ is provided with a rolling surface vertically aligned with said fixed bearing surface ~~(3)~~ such that said pair of opposed ends of said reel spool ~~(11)~~ can roll from said supporting surface ~~(44)~~ to said fixed bearing surface ~~(3)~~.

21. (Currently Amended) The method according to claim 18, further comprising the step of:

placing an empty reel spool onto said supporting surface structure ~~(44)~~ at an initial stage of the reeling process.

22. (Currently Amended) The method according to claim 18, further comprising the steps of:

during a reel spool change situation:

opening said nip closed position by sliding said reel spool ~~(11)~~ away from said reeling means ~~(5)~~; and

transferring said reel spool ~~(11)~~ from said supporting surface ~~(44)~~ to rail members ~~(3)~~ structured and arranged to receive said opposed ends of said reel spool ~~(11)~~.

23. (Currently Amended) The method according to claim 18, further comprising the steps of:

during a reel spool change situation:

sliding said ~~slide supporting surface (44)~~ into an initial position in the vicinity of said reeling means ~~(5)~~; and

transferring a new reel spool on to said supporting surface ~~(44)~~.

24. (Currently Amended) The method according to claim 20, further comprising the step of:

during a reel spool change situation:

sliding said ~~supporting surface (44)~~ slide, having a full reel spool supported thereon, along rail members ~~(3)~~; and

rolling said full reel spool from said supporting surface to said fixed bearing surface.